

CLAIMS

- 1) Use, as an active ingredient, of at least a peptide of formula (I):



5 wherein (AA) is an unspecified amino acid or one of its derivatives, and N is an integer ranging between 0 and 3; in or for the preparation of a cosmetic and/or dermatological and/or pharmaceutical composition.

- 10 2) Use according to claim 1, characterized in that the peptide has the sequence Arg-Gly-Ser.

- 15 3) Use according to claim 1 or 2, characterized in that the peptide is selected among peptides which have at least a functional group protected with a protective grouping. This protective grouping being either an acylation or acetylation of the amino-terminal, or on the amidation or the esterification of the carboxy-terminal, or both.

- 20 4) Use according to any of the preceding claims characterized in that the peptide is present in the composition at a concentration ranging approximately between 0.05 and 500 ppm, and preferentially with a concentration ranging approximately between 0.1 and 50 ppm compared to the total weight of the final preparation.

- 25 5) Use according to any of the preceding claims characterized in that the peptide is solubilized beforehand in one or more cosmetically or pharmaceutically acceptable solvents such as water, ethanol, propanol, isopropanol, propylene glycol, butylene glycol, dipropylene glycol, ethoxylated or propoxylated diglycols, cyclic polyols, petroleum jelly, a vegetable oil or any combination of these solvents.

- 30 6) Use according to any of the preceding claims characterized in that peptide is solubilized in a cosmetic or pharmaceutical vector such as liposomes or adsorbed on powdered organic polymers, mineral supports such as talc and bentonites, and more

generally solubilized in, or fixed on, any cosmetically or pharmaceutically acceptable vector.

- 5 7) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, or of a composition including it, as an agent of skin care products and skin treatment and/or superficial body growths activating cell energy metabolism.
- 10 8) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, or of a composition including it, as an agent of skin care products and skin treatment and/or superficial body growths having cytostimulating properties, in particular as a skin care agent promoting tissue regeneration.
- 15 9) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, in or for the preparation of a composition; the compound or the composition being intended to stimulate protein synthesis of the extracellular matrix and/or to stimulate keratin synthesis.
- 20 10) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, in or for the preparation of a composition; the compound or the composition is intended to fight in a curative and/or preventive way against the cutaneous manifestations of aging.
- 25 11) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, in or for the preparation of a composition; the compound or the composition is intended to protect the skin and/or the hair against all types of external aggressions.
- 30 12) Use of at least a compound of formula (I) such as defined according to any of claims 1 to 6, in or for the preparation of a composition; the compound or the composition is intended for the treatment of cellulite and/or orange-peel skin; and/or in order to reduce, eliminate or prevent subcutaneous fat overloads.

- 13) Cosmetic and/or dermatological and/or pharmaceutical composition characterized in that it contains, in an acceptable medium, as an active ingredient, at least a peptide of formula (I): (AA)_n-Arg-Gly-Ser-(AA)_n (I) wherein (AA) is an unspecified amino acid or one of its derivatives, and N is an integer ranging between 0 and 3.
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- 14) Composition according to claim 13 characterized in that the peptide has the sequence Arg-Gly-Ser .
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- 15) Composition according to any of the claims 13 or 14 characterized in that the peptide is selected among peptides which have at least a functional group protected with a protective grouping, this protective grouping is either a acylation or acetylation of the amino- terminal, or on the amidation or the esterification of the carboxy- terminal, or both.
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- 16) Composition according to any of claims 13 to 15 characterized in that the peptide is present in the composition at a concentration ranging approximately between 0.05 and 500 ppm, and preferentially with a concentration ranging approximately between 0.1 and 50 ppm compared to the total weight of the final preparation.
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- 17) Composition according to any of claims 13 to 16, characterized in that it takes the form of a cosmetic and/or dermatological composition adapted for topical cutaneous application comprising a pharmaceutically or cosmetically acceptable medium.
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- 18) Composition according to any of claims 13 to 17 characterized in that the peptide is beforehand solubilized in one or more cosmetically or pharmaceutically acceptable solvents such as water, ethanol, propanol, isopropanol, propylene glycol, butylene glycol, dipropylene glycol, ethoxylated or propoxylated diglycols, cyclic polyols, petroleum jelly, a vegetable oil or any mixture of these solvents.
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- 19) Composition according to any of claims 13 to 17 characterized in that the peptide is solubilized in a cosmetic or pharmaceutical vector such as liposomes or adsorbed on

powdered organic polymers, mineral supports such as talc and bentonites, and more generally solubilized in, or fixed on, any cosmetically or pharmaceutically acceptable vector.

- 5 20) Composition according to any of claims 13 to 19, characterized in that it is presented in
 the form of an aqueous, hydroalcoholic or oily solution or in the form of an oil-in-
 water emulsion, water-in-oil emulsion or multiple emulsions, or in the form of cream,
 suspensions, powders; these compositions can be more or less fluid or solid and can
 have the appearance of a cream, a lotion, a milk, a serum, a pomade, a gel, a paste, a
10 foam or a stick.
- 15 21) Process of cosmetic treatment in order to treat aged skins and/or in order to fight in a
 curative and/or preventive way the phenomena of cutaneous aging consisting in
 applying to the surface of the skin an effective amount of the composition such as
 defined according to any of claims 13 to 20.
- 20 22) Process of cosmetic treatment in order to protect skin and/or hair against all types of
 external aggressions consisting in applying, to the skin surface, an effective amount of
 the composition such as defined according to any of claims 13 to 20.
- 23) Process of cosmetic treatment intended to reduce, eliminate and/or prevent excess of
 subcutaneous fat; and/or intended to act against cellulite; and/or to fight against the
 phenomenon of orange-peel skin, consisting in applying to the skin surface an effective
 amount of a composition such as defined according to any of claims 13 to 20.